

<b>SITUATION REPORT</b>	INCIDENT <b>Hurricane Harvey Texas</b>	OPERATIONAL PERIOD DATES: September 9, 2017 TIMES:0700-0700	REPORTING UNIT <b>ESF-10 EPA</b>	FORM - 01/1999 <b>209</b>
<div> <div>▪ <b>CURRENT SITUATION</b></div> <div>See Accomplishments</div> <div>▪ <b>CRITICAL ISSUE</b></div> <div>None at this time.</div> <div>▪ <b>CASUALTY REPORT</b>(Civilian/Federal)</div> <div>No injuries</div> <div>▪ <b>ACCOMPLISHMENTS</b></div> <div> <ul style="list-style-type: none"> <li>- EPA is in Unified Command along with TCEQ, TGLO, and USCG with branches in Corpus Christi, Port Arthur, and Houston conducting hazard evaluations, water/wastewater infrastructure assessments, oil discharges, emergency response recovery, container recovery, and air reconnaissance.</li> <li>- EPA Monitoring teams identified elevated readings of volatile organic compounds in the area between Pasadena Refining Systems, Inc. and Kinder Morgan's Pasadena Terminal near the Houston Ship Channel and have scheduled additional air monitoring by the TAGA in the area on September 10, 2017.</li> <li>- EPA has confirmed 21 of the 39 disaster declaration counties are currently providing private well testing for area residents. Four counties are offering free testing. The other seventeen are providing low cost (\$16.50) well testing through the Department of Health. EPA is assessing if the remaining 18 counties need additional support.</li> <li>- All 43 Federal Superfund NPL Sites in the affected area have been assessed. Of these, 41 sites have been cleared, and two sites (San Jacinto Pits and US Oil Recovery) require additional follow-up.</li> <li>- A joint news release from EPA and TCEQ was issued on September 9, 2017, updating the public on the Hurricane Harvey overall response.</li> <li>- Community Liaison deployments continue to assist impacted counties by providing information about environmental and health challenges associated with returning to flood damaged homes.</li> </ul> </div> </div>				
<div> <div><u>CORPUS CHRISTI (ALPHA BRANCH):</u></div> <div> <ul style="list-style-type: none"> <li>- An Oil Discharge Assessment Team completed waste oil removal operations onboard the Signet Enterprise. A total of 400 gallons of waste oil was removed. The Signet Enterprise still has ballast water on board. The Oil Discharge Assessment Team will be on the scene tomorrow to oversee the removal of all ballast water and complete a final assessment of oil and hazardous substances on board the Signet Enterprise.</li> <li>- The Oil Discharge Recovery Group coordinated and monitored Responsible Party led removal operations in Island Moorings, Rattle Snake Point, Ingleside, Seadrift, Harbor of Refuge and Holiday Beach. In preparation of the signing of Unified Command approved vessel removal protocols, the teams within the Oil Discharge Recovery Group prioritized threats to the environment for removal.</li> <li>- EPA teams continued recovery of orphan containers.</li> </ul> </div> </div>				
<div> <div><u>HOUSTON (BRAVO BRANCH):</u></div> <div> <ul style="list-style-type: none"> <li>- The Air Recon Team conducted an aerial assessment of the mouth of the Colorado River to Highway 59, the beginning of the Old Brazos River and the Brazos River to Highway 59, St. Bernard River to Highway 59 and Chocolate Bayou to Highway 6. During the assessment, the Air Recon Team identified three new sites and reinvestigated a report of a sunken vessel in Texas City. The Air Recon Team was unable to identify the sunken vessel; however, the position was marked for future reassessment.</li> <li>- Fifteen Hazard Evaluation (HE) Teams conducted and completed assessments in Brazoria, Matagorda and Harris Counties. A total of 23 new sites were identified.</li> </ul> </div> </div>				

- ASPECT conducted two flights to complete 100% of all targeted Risk Management Program, Drinking Water and Wastewater facilities in east Brazoria County and most of Galveston County
- EPA is providing support to TCEQ for drinking water and wastewater system assessments. Ten EPA personnel are conducting drinking water assessments in the Houston Branch, while an additional five personnel are conducting wastewater assessments

**PORT ARTHUR/BEAUMONT (CHARLIE BRANCH):**

- The Charlie Branch secured the staging pad for future recovery operations. The pad was sampled yesterday, September 9, 2017, prior to any container storage.
- The Inland HE Team assessed Lumberton, Hardin County. Heavy oil stains were seen on Cook's Lake Road. An investigation revealed that three tanks with a total volume of 2,000 gallons had leaked. The team contacted the Responsible Party, who has initiated a cleanup. TCEQ will oversee this cleanup.

▪ **RESOURCES ASSIGNED (EPA Personnel Only listed)**

- Three (3) EPA personnel to support FEMA at Texas EOC in Austin
- Three (3) EPA at JFO in Austin
- Twelve (12) EPA personnel in Corpus Christi (Alpha Branch)
- Sixty-nine (69) EPA personnel in Houston (Bravo Branch)
- Eight (8) EPA personnel in Beaumont-Port Arthur (Charlie Branch)
- Three (3) personnel assigned to fly and conduct aerial assessments on the Aspect aircraft
- Fifty-one (51) EPA personnel in the Dallas REOC

▪ **PLANNED ACTIVITIES (next 24 – 72 hours)**

- EPA is in Unified Command in Corpus Christi, Beaumont/Port Arthur, and Houston along with TCEQ, TGLO, and USCG and will continue conducting hazard evaluations, water/wastewater infrastructure assessments, oil discharges, emergency response recovery, container recovery, and air reconnaissance
- The Houston Branch and the Port Arthur/Beaumont Branch will both begin collection and staging of recovered orphan containers this week. Corpus Christi Branch is will complete reconnaissance activities within the next 10 days. Houston Branch is projected to complete these activities within 20 days and Port Arthur/Beaumont Branch within 30 days
- EPA will complete sampling of the 43 Superfund sites potentially impacted by the storm by Tuesday. Preliminary analytical results should be available by Thursday. EPA continues to hear reports of sampling of Superfund site by the New York Times.
- Community Liaisons will continue to deploy to the EOCs to disseminate information on the hazards of flood waters, mold, residential well water testing, and other issues for residents, local businesses, and other agencies.
- EPA directed potentially responsible parties, or independently started collecting samples, at 34 Texas Superfund Sites to confirm no releases due to storm impacts. Two EPA field teams arrived on September 8, 2017, and will be joined by three additional field teams on September 11, 2017. Sampling has been completed at 11 sites. The sampling is part of a longer-term assessment that will be used to transition sites to their normal cleanup operations. Sampling will be complete by September 13, 2017, with preliminary unvalidated results expected by September 16, 2017.
- EPA will continue to participate in the Vector Control Task Force.
- EPA personnel deployments to Austin, Beaumont-Port Arthur, Houston and Corpus Christi will continue throughout the week.

▪ **ADDITIONAL INFORMATION**

Additional resource/personnel orders will be submitted to our ESF 10 Grp/Sup as this incident continues to evolve.

Incident Support Team Leader **Greg Lyssy – 214 214-543-4415**

**DISTRIBUTION:**

IST: Plans Section

DATE 09 September 2017

TIME 1000 hours